

From boatanchors@theporch.com Wed Feb 8 01:08:05 1995  
Date: Tue, 7 Feb 1995 22:22:36 -0600  
Message-Id: <Pine.3.89.9502072347.A26906-01000000@larry>  
From: Tony Germanotta <german@infi.net>  
Subject: Re: 2 Questions

On Thu, 2 Feb 1995, don merz wrote:

> Two questions on operating boatanchors:  
>  
> 1. I can't seem to find a definitive answer on matching impedance between  
> antenna and receiver. Is it worth the effort to try to match my 50 ohm  
> antenna to my 300 or more ohm receiver inputs? Does the loss from inserting  
> the matching device outweigh the gain from getting a good match? What about  
> a close match?--suppose I use an old CATV transformer to match the 300  
> to 75 ohms--is that an improvement? If so, an improvement in what--signal  
> strength?

I have manuals for both a Hammerlund HQ180AX and Hallicrafters SX100 and both mention that it is not only acceptable to use 300 ohm feeders but also helps broaden the bandwidth of a dipole antenna, should you use one. Both of the rigs have ballanced feed inputs, though. It might be different if you were trying to use unballanced coax feed line or were trying to pump the signal through a coax connector.

Tony Germanotta, public life editor, The Virginian-Pilot, Norfolk, Va.

-----  
Blame no one else for the opinions I don't have.  
e-mail: german@infi.net phone:(804)436-6389  
address: 921 N. Battlefield, Blvd. Chesapeake, Va., 23320

From boatanchors@theporch.com Wed Feb 8 00:21:56 1995  
Date: Tue, 7 Feb 1995 21:29:59 -0600  
Message-Id: <199502080333.AA026404397@relay1.geis.com>  
From: n.mckie@genie.geis.com  
Subject: 7J7/6J8 detail tube data neede

Sub: 7J7/6J8 detail tube data neede

> I'm doing a little circuit design around a 7J7 triode-heptode mixer  
> tube and need some detail data that is not given in the summaries in  
> the RCA, Sylvania, or GE characteristics manuals. If someone who has a  
> copy of one of the data sheet manuals could help me out, I'd much  
> appreciate it. A 7J7 is an octal 6J8, therefore, 6J8 data is

> applicable.

Referring to the RCA Tube Handbook, the loose leaf version, page dated Dec. 30, 1947:

> What I need to know are:

> Triode section transconductance, plate resistance, amplification factor.

The handbook says:

Note: The transconductance of the triode section, not oscillating, is approximately 1400 umhos under the following conditions: triode plate voltage = 150; triode-grid & heptode grid-no.3 volts = -3. under the same conditions, triode plate current is 6.6 ma., triode plate resistance is 10700 ohms, and amplification factor is 15.

> Any two of these three will give the other.

> Characteristics around 100 and 150 plate volts, if there's a difference.

> Transconductance of the signal section (G1) operated with oscillator  
> disabled.

This is not given as I read the manual.

> This should be around 1000-1200 micromhos I think, but am seeking  
> confirmation. This is a variable-mu grid, so need value for at  
> least one point of grid bias; two or three would be even better.

I haven't read any of this in years..... As I understand it, the manual says for typical operation for the heptode, Conversion Conductance is 280 umhos with 100 volts on the plate and 290 umhos with 250 volts on the plate. Then it says, Conversion Conductance (Approx.) for heptode grid-No.1 bias of -20 volts, 2 umhos.

The other manuals I have here say essentially the same thing. I could photocopy any of the above if you want.

> Thanks for the help.

The General Electric Tube Manual indicates the 7J7 and the 6J8 are not exactly the same besides the obvious physical differences.

Hope this helps,

Neil

--

Neil McKie  
Internet: n.mckie@genie.geis.com

503-649-4264  
Amateur Radio: WA6KLA

From boatanchors@theporch.com Tue Feb 7 22:20:38 1995  
Date: Tue, 7 Feb 1995 19:18:38 -0600  
Message-Id: <9502080008.AA22075@csrvcs1.triad.com>  
From: bwb%csrvcs1.triad.com%triada.triad.com@triada.triad.com (Bruce Bacon)  
Subject: A BA Weekend

Greetings all,

A friend recently got out of the BA hobby and made me an offer I couldn't refuse on quite a bit of equipment. Filled up the camper, and as a result, I have the following for sale, or trade for a nice SX28 Super Skyrider:

Collins R388 - Dirty, but all there. The front panel is servicable, but a purist would refinish it. Power cord needs replacement, and I do not know the electrical condition. With cabinet - \$125 plus shipping.

Hammarlund HQ120 - This one has an electrical problem; the former owner says when he turned it on, he heard a loud snap. The front panel was refinished in black wrinkle, but the knobs are labeled with a labelmaker. Intact, with cabinet. \$50.00 plus shipping.

RBM, receiver only - Very restorable. Medium Wave, circa WII. Dirty, all parts are there. Do not know electrical condition. \$75.00 plus shipping.

RBS, receiver only - probably for parts only. The front panel has had the previous owners name, etc etched into it. Missing tuning knob spinner. Dirty, electrical condition unknown. \$50.00 plus shipping.

Non-BA, purists hide your eyes!!

McKay Dymek DR22 Solid state digital SW receiver - clean. Plugged it in, nothing but white noise. A nice unit when it works. \$100.00 plus shipping.

I'm going to keep the following:

Hammarlund HQ180C - extremely clean. Need schematic and alignment info. Would be happy to pay copying and mailing costs.

73,

-Bruce Bacon KE6GLS (bwb@triad.com)

From boatanchors@theporch.com Wed Feb 8 01:11:31 1995  
Date: Tue, 7 Feb 1995 22:18:28 -0600  
Message-Id: <Pine.3.89.9502072117.A16517-0100000@mm1001.theporch.com>  
From: Kevin J Pease <kevin@mm1001.theporch.com>  
Subject: Re: A BA Weekend

Kevin J Pease  
WB0JZG Mt Juliet, TN.  
mm1001.theporch.com

Sorry for the bandwidth to all but mail bounced from Bruces host

On Tue, 7 Feb 1995, Bruce Bacon wrote:

> Greetings all,  
>  
> Collins R388 - Dirty, but all there. The front panel is servicable, but  
> a purist would refinish it. Power cord needs replacement, and I do not  
> know the electrical condition. With cabinet - \$125 plus shipping.  
>  
>  
I am interested in the R-388. My mail to you bounced please send to me  
direct.

From boatanchors@theporch.com Tue Feb 7 19:30:10 1995  
Date: Tue, 7 Feb 1995 12:58:40 -0600  
Message-Id: <950207183239\_71333.144\_DHQ20-4@CompuServe.COM>  
From: don merz <71333.144@compuserve.com>  
Subject: Aircraft Radios

In all the discussion about military aircraft radio gear, don't forget that that AWA had a long-time contributor named Fred Chesson (no call as far as I know) who submitted numerous articles on Navy radios and avionics. See the 11/89 issue of the AWA Old Timer's Bulletin for example where Fred lists all the radio gear installed in typical WWII long range fighters, night fighters, torpedo bombers and patrol bombers. It's all Navy only unfortunately, no Army stuff is listed. It's amazng to see that a craft like the PB4Y-2 Privateer carried about 15 complete radio systems for HF, VHF, radar, IFF, radar countermeasures, direction finding and search and surveillance.

In general, the AWA OTB is an absolutely excellent source of military radio material of all types up through about early 1992. After that,

and recently, AWA has neglected military gear--though there's been a very recent uptick since the last Rochester meet was focused on military gear.

But if you have a chance to pick up OTB back issues from 1987-91, grab them because they invariably have some neat military radio info. Another good issue to grab is 5/91 which has a cross-reference of military equivalents of civilian receivers and several other articles including a great section on the BC-191/BC-375.

From boatanchors@theporch.com Tue Feb 7 12:41:35 1995  
Date: Tue, 7 Feb 1995 08:40:52 -0600  
Message-Id: <950207144131\_71333.144\_DHQ71-1@CompuServe.COM>  
From: don merz <71333.144@compuserve.com>  
Subject: ARB Stuff Wanted

WANTED: ARB receiver parts unit (or just some parts off of your parts unit). ARB dynamotor. ARB manual (copy okay). ARB rack or shockmount. Also want ARC-2 manual and shockmount. Don, N3RHT: 412-234-8819 or here.

From boatanchors@theporch.com Tue Feb 7 18:02:21 1995  
Date: Tue, 7 Feb 1995 11:37:46 -0600  
Message-Id: <950207121755\_15240020@aol.com>  
From: WaltN@aol.com  
Subject: Re: arcing R390A

Andy (and all who replied),

On 1/12 you said:

>>Later, I turned the set on and looked under the chassis. There's arcing inside one of the IF cans, and a resistor below the chassis got hot.<<

Sorry to be so long in replying...have been in Caracas and AOL (my I'net gateway for now) doesn't have a local number; \$2+/minute is too much even for BAs!).

Your description matches my experience exactly. It has evidently healed itself now (after I replaced the aforementioned resistor) and works better than I expected. We'll see how long it lasts...probably about 10 minutes after I put the radio in the original 390 cabinet I', expecting any day now<g>.

73 de Walt

From boatanchors@theporch.com Tue Feb 7 19:39:41 1995  
Date: Tue, 7 Feb 1995 09:44:01 -0600  
Message-Id: <9502071553.AA11803@sumter.awod.com>  
From: wb4ijn@awod.com (Steve Thomason)  
Subject: Boatanchors FS Update

Listing as of February 7, 1995. Additions to the previous listings contain descriptions.

Many thanks to all who have helped me make substantial progress in paring down my collection. My wife also sends her thanks but is curious as to why some large heavy boxes keep showing up on her porch since I am supposed to be getting rid of stuff instead of trading for new stuff!

I STILL need the following Hammurland items to "complete" my collection, and would be happy to work some sort of trade with you, or buy them from you if you prefer:

HAMMURLAND: SP200, HQ145X. Matching speakers for SP200, SP400 and HQ120, cabinet for SP600.

OK, Here is the updated list (descriptions can be found in my previous posting or email me and I will send you the complete list):

B&W 5100 TRANSMITTER: \$215.

COLLINS 75A-4 RECEIVER: \$975.

COLLINS KWM-2A & 516F-2 TRANSCEIVER AND POWER SUPPLY: \$695.

DRAKE LOWPASS FILTER: \$39.

GONSET GSB100 TRANSMITTER: \$159.

GONSET GSB101 LINEAR AMPLIFIER: \$239.

HALLICRAFTERS HT37 TRANSMITTER: \$160.

HAMMURLAND HQ170: \$150.

HAMMURLAND HQ170A: \$169.

HEATH SB630 STATION CONSOLE, WATTMETER, CLOCK, PHONE PATCH: \$59.

JOHNSON PACEMAKER: \$225.

JOHNSON INVADER 2000 AND POWER SUPPLY: \$745

JOHNSON VIKING II: \$175.

NATIONAL NC300: \$175.

NATIONAL SPEAKER: Matches the NC300: \$79

NATIONAL SPEAKER: Matches the NC303: \$79.

R-390 RECEIVER: (Check did not arrive, so am relisting this one).  
Very good cosmetics, excellent electrical, recently removed from  
service. When acquired a few months ago, I tested all tubes and  
replaced several weak ones. New AC power cord; also seem to  
remember aligning this one. Original meters. \$350.

R-1051A RECEIVERS: I have three R-1051A receivers, serial  
numbers 000001, 000002, and 000003! MTM Electronics recently  
advertised R-1051 receivers in Amateur Radio Trader for ONLY  
\$3500 each! I'll entertain any reasonable offer for one or all my  
units!

TMC GPR90RX RECEIVER: \$595.

Pick-up is encouraged, but I will ship if you will pay the actual UPS  
shipping charges. I will buy the boxes, bubble wrap, peanuts, tape, etc.

You can reach me on packet WB4IJN@N4CII, or Internet  
wb4ijn@awod.com, or call 803-871-7749. 73, Steve.  
73, Steve, WB4IJN

Internet: wb4ijn@awod.com  
Packet: WB4IJN@N4CII

From boatanchors@theporch.com Wed Feb 8 06:55:34 1995  
Date: Wed, 8 Feb 1995 04:17:44 -0600  
Message-Id: <Pine.3.89.9502080253.A1492-0100000@netcom2>  
From: paul Veltman <veltman@netcom.com>  
Subject: Bruce Bacon Post

Bruce,  
I am interested in the R-388 and the McKay. Please e-mail me direct. A  
reply to your Triad address bounced.

From boatanchors@theporch.com Wed Feb 8 06:39:39 1995  
Date: Wed, 8 Feb 1995 03:42:25 -0600  
Message-Id: <ef5\_9502080406@satlink.oau.org>  
From: Russ.Leblerc%225@satlink.oau.org (Russ Leblanc)  
Subject: Re: COSTAS LOOP/GE FRR-48

> >>From: Dave=Sharp%Legal%Corp=Hou@bangate.compaq.com  
> >>Subject: re: Elctrolytics DE Nebraska

> >>In all this conversation about electrolytic capacitors I haven't heard  
> >>anyone mention that old caps need to be "formed" when they are put  
> >>back into service. This is done by slowly bringing up the DC voltage  
> >>on them over a period of a few minutes. Large inrush currents will  
> >>simply result in internal heating and a large bang when they self  
> >>distruct. The same explosion can be had by simply hooking them up  
> >>backwards.

> I had thought of doing so with my rigs. How is this idea: use a  
> variac on the input, and replace the rectifier(s) with solid state  
> temporarily. (A variac on the input means a tube rectifier won't rectify  
> until it's up to temperature anyway! Using diodes means rectification  
> from the beginning.) Hang a meter on the output to monitor things...

The Variac idea is really the best one.

> The big question is assuming the caps aren't leaky or dried out,  
> HOW LONG should one do this, and at what voltage?

This is my first response to BOATANCHORS from an equipment servicing viewpoint which I've been doing for several years. In my opinion regarding the proper 'healing' of electrolytic capacitors, the use of the Variac or Powerstat is by far the best way to accomplish this necessary task.

The 'HOW LONG' is answered by 'the longer, the better.' The 'what to watch out for' is the heating of the capacitor as cold is the best, heat being caused by current flowing through the capacitor. If you have the option of metering the charging current through the capacitor, try to keep the current down to 5 milliamps and less is better.

Neil

--

Neil McKie  
Internet: n.mckie@genie.geis.com

503-649-4264  
Amateur Radio: WA6KLA

From boatanchors@theporch.com Tue Feb 7 11:15:21 1995  
Date: Tue, 7 Feb 1995 07:14:07 -0600  
Message-Id: <9502071317.AA15459@cadre.com>  
From: Daniel Trainor <dpt@cadre.com>  
Subject: Re: Fair Price for a Zenith 10S567 Console?

>  
> I have a chance of getting a fully restored Zenith 10S567 Console  
> Radio and wonder what is a fair price for it (I don't wanna be had).  
> Could someone please help?

According to the "Collectors guide to Antique Radios, Third edition" the average selling price is \$245.00

Dan KB1JX

From boatanchors@theporch.com Tue Feb 7 19:07:52 1995

Date: Tue, 7 Feb 1995 09:46:15 -0600

Message-Id: <9502071518.AA08025@uvs1.orl.mmc.com>

From: padgett@tccslr.dnet.mmc.com (A. Padgett Peterson, P.E. Information Security)

Subject: RE: Fair Price for a Zenith 10S567 Console?

>I have a chance of getting a fully restored Zenith 10S567 Console  
>Radio and wonder what is a fair price for it (I don't wanna be had).  
>Could someone please help?

(No E-Mail address given so putting reply to group) Bunis da toid quotes \$245.00 for an "average" 1941 '567 but that is probably a "dealer retail" price. The kicker is the "fully restored" part since that can mean a lot of things to a lot of people.

For instance, is the finish correct (believe it should be a medium walnut) ? Does it have the correct 10-tube chassis (many were interchangeable including some of the lower-value 6 tubers)? Is the speaker correct? Is the speaker \*grill cloth\* correct ?

Now if you are negotiating in the \$50-\$150 range and it looks good & works good (particularly the shortwave bit - the higher frequencies are more difficult on the electrics than the lower ones), buy and you won't lose. Between \$150 and \$250, if you like it and feel comfortable about it then go ahead, it's only money. Above \$250.00 I would want to have Someone Who Knows check it out because even well-intentioned but rong restoration can \*decrease\* the desirability and right now anything over \$250.00 would be IMHO "collector value".

Don't get me rong, it is a nice and impressive console and I have a personal preference for Zeniths in particular but it is still a commodity for which there is a "market value".

Warmly,  
Padgett

From boatanchors@theporch.com Tue Feb 7 17:23:55 1995

Date: Tue, 7 Feb 1995 13:01:07 -0600

Message-Id: <n1419969600.67114@cpqm.saic.com>

From: "Bob Scott" <Bob\_Scott@cpqm.saic.com>

Subject: Free BC-348-Q

Please respond to VDENNY@aol.com, not ME! Thank you.

Subj: Military BC-348-Q not for sale.. 95-02-07 02:23:03 EST  
>From: VDENNY

This radio is yours for the taking. It don't work right, but I think it only needs a power supply....all the tubes glow when you plug it in....

All yours for S/H...

Vince,  
Boulevard, CA  
619-766-4035 (p.m. in San Diego)

73, Bob AC4QO Bob\_Scott@cpqm.saic.com

From boatanchors@theporch.com Tue Feb 7 21:19:16 1995  
Date: Tue, 7 Feb 1995 18:03:50 -0600  
Message-Id: <n1419942379.88280@msmailgw1.arlut.utexas.edu>  
From: "rohre" <rohre@msmailgw1.arlut.utexas.edu>  
Subject: FW: Parts for ham gear repairs, restoration

Repost due to mailer losing address.

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>From: rohre on Tue, Feb 7, 1995 5:55 PM  
Subject: Parts for ham gear repairs, restoration  
To: boatanchors; ham-tech

I see numerous posts of does anyone have a "Brand..." power plug, or whatever part for some piece of ham gear.

There was a time, (apparently slipping away), where every new ham learned to acquire some bibles of the hobby: an ARRL handbook, and maybe the Radio Handbook, by Bill Orr, editor, (SAMS) and SEVERAL wholesale distributor catalogs like Allied Radio, Chicago; Newark Electronics, Mouser Electronics, Digi-Key, and others. The parts sometimes have changed to a different named manufacturer, but MANY are out there, if you look at the catalog pictures, you often can find what you need. Some of the old hardware companies are still making the plugs and jacks, like Johnson, and H. H. Smith. Addresses can be found in the Thomas Catalog, which any large technical business has a copy, or may be in large public libraries. This is a catalog of all kinds of businesses, and manufacturers.

You can get free catalogs from all of these, and they are glad to help you out in crossing parts if you get to the informed person; but a ham can and should

do a lot of sleuthing on his own, to get at least close.

There are other companies making the mechanical belts and pulleys and chain drives that may go in old gear, or can be adapted: Small Parts Inc., Berg, etc.

We are blessed, perhaps in this part of the world, (Tx. ) but this past weekend, I even saw several complete ARC 3 or ARC 5 World War II radios for sale at a small town swapfest, so even the next town's swapfest may be worth a trip for the items you need. Why, we even found a porcelain antenna changeover, knife switch.

Some time ago, I realized variable capacitors in the larger sizes for transmitting and tuners and tube receivers were becoming scarce, and so for this type of part, you should find spares for antiques, or future antique reproduction projects you may want to build. Estate sales of SK hams are gold mines of components, if they were licensed before say 1960 or '70. In the not so forgotten days, every ham had his junk box, that had a vast array of trading material, or spares or new project potential parts. Has that time been lost to the newer generations? Lordy, lordy, I hope not.

Let us hope all these pleas are just like some of mine; despite my junk box, I may not have that ONE item needed for a particular repair. But! I am getting there, the other day I had occasion to use a 'sample" micro-switch I acquired 30 years ago, brand new; and just used it to repair the kitchen microwave door switch mechanism!

You never know when something might be needed! (AND, you might become the weekend HERO!)

From boatanchors@theporch.com Tue Feb 7 12:41:09 1995  
Date: Tue, 7 Feb 1995 09:21:58 -0600  
Message-Id: <m0rbroI-000uWHC@twisto.eng.hou.compaq.com>  
From: Dave=Sharp%Legal%Corp=Hou@bangate.compaq.com  
Subject: fwd: U.S. Copyright Term Extension Proposal

Forwarded to: smtp[boatanchors@theporch.com]  
cc:  
Comments by: Dave Sharp@Legal@Corp Hou  
Comments:

This would affect the rights to copy old manuals, books, etc. I don't know about you folks, but this "government in arrears" stuff really \*chaps\* me to the bone. Kinda like retroactive taxes. I'm kinda expecting a tax on getting my butt slapped when I was born to happen along any day now!

What do y'all think?

Dave

=====  
Comments By: Jennifer Morris@Legal@Corp Hou  
Originally To: Multiple, recipients, of, list, <cni-copyright@cni.org>  
Originally From: David Pierce <mileston@access.digex.net>  
Comments:

-----[Original Message]-----

According to the February 1 issue of \_Daily Variety\_, Orrin Hatch, chairman of the Senate Judiciary Committee, plans to introduce a bill implementing a 20 year term extension for U.S. works.

This would change terms for pre-1977 works to 95 years, and post-1976 works to life plus 70, or 95 years for works for hire.

The Copyright Office had a hearing on this proposal in 1993, at which only proponents testified. To my knowledge the Register of Copyrights never forwarded a recommendation to Congress.

Has anyone heard any of the details of the current proposal? The proponents have at times also called for resurrection of the expired copyrights of public domain works, and having term extension be retroactive (i.e. resurrect copyrights in works for hire retroactively back to 1900).

David Pierce  
mileston@access.digex.net

From boatanchors@theporch.com Tue Feb 7 19:36:50 1995  
Date: Tue, 7 Feb 1995 10:33:17 -0600  
Message-Id: <Pine.ULT.3.91.950207083107.2367A-100000@ohm.elee.calpoly.edu>  
From: Cal Eustaquio <ceustaqu@ohm.elee.calpoly.edu>  
Subject: Hammarlund HQ-129 speaker still WTB/Swap

Hi:  
Again, I'm still looking for a good clean HQ-129 speaker for my project. I will be willing to give a good deal on the following items if you have such a speaker:

- 1)CE-200V in excellent condition
- 2)Viking Navigator
- 3)Viking Challenger
- 4)HW-101 with p/s and manual

Tnx and 73's. Cal, N6KYR

From boatanchors@theporch.com Wed Feb 8 00:24:01 1995  
Date: Tue, 7 Feb 1995 21:30:29 -0600  
Message-Id: <199502080333.AA026514401@relay1.geis.com>  
From: n.mckie@genie.geis.com  
Subject: Heathkit Service

Sub: Heathkit Service

> Dear Members,

> I have a Heathkit SB104 with a defective S Meter. Heathkit in Canada  
> has been out of business for some time, however, I heard that they  
> still provide limited service and parts out of Michigan.

> Does anyone have the current address for Heathkit or it's appointed  
> service agent ?

> Regards,  
> Jerry Proc, Internet Student  
> NGGTZKNK@admin.humberc.on.ca  
> Humber College, Etobicoke Ontario

Back in those days, many meters were made in the US or imported by typically well known manufacturers. You might want to try to determine who actually made the meter and see if there is a service facility near you. Just what is wrong with the meter?

Neil

--

Neil McKie  
Internet: n.mckie@genie.geis.com

503-649-4264  
Amateur Radio: WA6KLA

From boatanchors@theporch.com Tue Feb 7 18:33:51 1995  
Date: Tue, 7 Feb 1995 15:33:41 -0600  
Message-Id: <MAILQUEUE-101.950207150622.288@ics.uwex.edu>

From: "Dave Wahlquist" <WAHLQUIST@ics.uwex.edu>  
Subject: huge pileup on 80

Does anyone know what the big deal was on the low end of 80 meter cw band last night? Not that I am one to chase after DX or special event type stuff with the rest of the crowds but I am curious as to what all the fuss was about.

73s,  
Dave

From boatanchors@theporch.com Wed Feb 8 06:02:45 1995  
Date: Wed, 8 Feb 1995 02:06:37 -0600  
Message-Id: <Pine.3.89.9502080943.A29014-01000000@inet.uni-c.dk>  
From: MEC <danmec@inet.uni-c.dk>  
Subject: Re: huge pileup on 80

On Tue, 7 Feb 1995, Dave Wahlquist wrote:

>  
> Does anyone know what the big deal was on the low end of 80 meter cw  
> band last night? Not that I am one to chase after DX or special event  
> type stuff with the rest of the crowds but I am curious as to what  
> all the fuss was about.  
>  
> 73s,  
> Dave

Here in EU the pile up was caused by VK9XY, Christmas isl, who was on 3500.5 lsn up various steps.

73 Rag oz8ro  
>

From boatanchors@theporch.com Wed Feb 8 06:42:34 1995  
Date: Wed, 8 Feb 1995 03:43:37 -0600  
Message-Id: <ef9\_9502080406@satlink.oau.org>  
From: Russ.Lebblanc%225@satlink.oau.org (Russ Leblanc)  
Subject: Re: KEVIN'S LICENSE UPGRA

Al> The major motivation to upgrading in those days, Kevin, was so that  
Al> you COULD get a vfo, and sell (for 5 bucks) your rock collection  
Al> (which usually was stored "in toto", in an old rusty Sucrets box) to  
Al> one of your fellow teenage ham buddies, who was a few months or a year

Al> behind you on the "power curve"!

Al> His brother has his license, so he can drive, but we'll

Al> STILL need someone to "buy" for us! :)

Hehe, I studied for the test, got my code up to 13 wpm, but couldn't find someone to proctor for the Novice exam. So I was stuck listening on my DX160 while my Elmac (sp?) 50-or-so watt AM/CW BA xmitter (which had a VFO and even covered the CB band!) collected dust. I sold it without ever turning it on. I'd love to come across another one of these.

Luckily, I always did manage to find a "buyer" on Friday nites for brewski runs, though, if that's what you were talking about <g>.

\_\_\_ Blue Wave/QWK v2.12

--- FidoPCB v1.4 [ff232/a]

--

|Fidonet: Russ Leblanc 1:363/225

|Internet: Russ.Leblanc%225@satlink.oau.org

|

| Standard disclaimer: The views of this user are strictly his own.

| From C.F.Satlink +1-407-240-7781 (ANSI or Vt-100 \_required\_).

From boatanchors@theporch.com Wed Feb 8 03:42:09 1995

Date: Wed, 8 Feb 1995 00:55:08 -0600

Message-Id: <199502080659.AA176396746@relay1.geis.com>

From: n.mckie@genie.geis.com

Subject: re: Kevin's license upgrade

Sub: re: Kevin's license upgrade

> For all the folks with 1 (or just a few rocks). I had this problem when

> made it so I could put pressure on the xtal and thus raise the

> frequency a bit. Use a long screw so you can off the screw shaft and

> Any body else out there do such clumsy acts?

Yes, we used to grind them using Comet Cleanser and water; then we got smart and used hydrogen flouride (sp?) and etched the crystals.

Neil

--

Neil McKie

Internet: n.mckie@genie.geis.com

503-649-4264

Amateur Radio: WA6KLA

From boatanchors@theporch.com Tue Feb 7 12:38:53 1995  
Date: Tue, 7 Feb 1995 08:23:44 -0600  
Message-Id: <199502071427.JAA08546@cappuccino.eng.umd.edu>  
From: Philip Gwynne McCoy <dgnova@Glue.umd.edu>  
Subject: Luftwaffe

This is from memory and so may be inaccurate. I have worked on this equipment, but it has been many years. The Luftwaffe used among other equipments the Fug-16 and Fug-17 which covered around 45 mhz. They also used the Fug-10 and Fug-3 which covered 300-600 khz and 3.0 to 6.0 mhz. The Fug-7 was the set used on the BF-109 before they went to VHF or Ultra-kurz-wellen. It covered about (very roughly since my memory is bad) 2.5 to 3.6 mhz. I have the information stored away, but it will take some time to dig it up.

From boatanchors@theporch.com Wed Feb 8 00:53:13 1995  
Date: Tue, 7 Feb 1995 21:54:58 -0600  
Message-Id: <Pine.3.89.9502071933.A22952-01000000@netcom13>  
From: paul Veltman <veltman@netcom.com>  
Subject: March 11, Foothill Flea Market

Ok Sports Fans,  
Now that we've sort of tentatively agreed to try to get together at Foothill, do any of you have suggestions on how we can pick each other out of the thousands of other mental cases running around there?

73

Paul WA6OKQ

From boatanchors@theporch.com Wed Feb 8 06:17:49 1995  
Date: Wed, 8 Feb 1995 03:42:59 -0600  
Message-Id: <efb\_9502080406@satlink.oau.org>  
From: Russ.Lebblanc%225@satlink.oau.org (Russ Leblanc)  
Subject: Re: More trade list

JR> More stuff to trade. . .

JR>

JR>

JR> Sherwood SP-7 processor for TR-7. I have the docs. You'll need to make

JR> up connecting cable to run to rig. High class (\$400) item when new,

JR> even if it does

JR> run on a mere 13.8 V.

Joe, I'm not familiar with this. Is it a speech processor of some kind?  
Please fill me in.

Thanks,

Russ

.. this is your radio. THIS IS YOUR RADIO ON TUBES!

\_\_\_ Blue Wave/QWK v2.12

--- FidoPCB v1.4 [ff232/a]

--

|Fidonet: Russ Leblanc 1:363/225

|Internet: Russ.Lebblanc%225@satlink.oau.org

|

| Standard disclaimer: The views of this user are strictly his own.

| From C.F.Satlink +1-407-240-7781 (ANSI or Vt-100 \_required\_).

From boatanchors@theporch.com Tue Feb 7 17:38:46 1995

Date: Tue, 7 Feb 1995 10:12:36 -0600

Message-Id: <m0rbsNY-00001gC@next3.acme.ist.ucf.edu>

From: clarke@acme.ist.ucf.edu (Thomas Clarke)

Subject: Motorola Etc VHF/UHF

A recent introduction by a BAer told of an interest in Morotorola  
VHF/UCF equip. Unfortunately, I did not save his address.

I am girding myself for the Feb 17th Orlando, FL Hamfest and  
I would like to know more about desirable models etc that  
can be used on ham bands in case I runs across some at the fest.  
References to guidebooks/handbooks also appreciated.

E-mail me or post to BA if you think interest is general.

I am also interested in any military VHF/UHF gear that might  
be useful to hams.

Thanks.

Tom Clarke

[Awaiting Call Sign]

From boatanchors@theporch.com Tue Feb 7 18:42:31 1995

Date: Tue, 7 Feb 1995 11:35:41 -0600

Message-Id: <Pine.3.89.9502070956.A22480-0100000@netcom8>

From: paul Veltman <veltman@netcom.com>

Subject: Re: Motorola Etc VHF/UHF

Hi Y'all,

Ya know, I never thought of old Motorola FM stuff as boatanchors, but I guess they are. We used to modify these rigs for repeater use before the rice boxes came out.

I just remembered that I have a bunch of stuff in the attic that has been around for some years. I have a few strips from research line (80D) and twin V Motorola FM. I also have a GE Masterpro 450 repeater with spare strips. There is also a bunch of manuals and copies of manuals. \$100 takes the lot. Due to the weight, you have to come get it in Fremont, CA. I'm never going to play with this stuff again, and I've lost interest in being a repeater owner.

In the same attic is an old Hammarlund receiver (I don't remember the model) that has a leaking transformer, and a large super boatanchor panadaptor that needs a power supply. I'll let the Hammarlund go for \$50 and the panadaptor for \$30. Again, you pick up.

73

Paul WA6OKQ

From boatanchors@theporch.com Tue Feb 7 20:59:58 1995

Date: Tue, 7 Feb 1995 18:03:00 -0600

Message-Id: <9502072359.AA14099@cen.com>

From: gc@fox.gsfc.nasa.gov (Gary Chatters)

Subject: Re: Motorola Etc VHF/UHF

>

>A recent introduction by a BAer told of an interest in Morotorola  
>VHF/UCF equip. Unfortunately, I did not save his address.

>

>I am girding myself for the Feb 17th Orlando, FL Hamfest and  
>I would like to know more about desirable models etc that  
>can be used on ham bands in case I runs across some at the fest.  
>References to guidebooks/handbooks also appreciated.

>

>E-mail me or post to BA if you think interest is general.

Well, I am not sure that the interest is likely to be widespread,  
but you never know.

I suppose the dedicated hollow-state ham would use tube type Motorola gear along side the Hallicrafters or whatever HF radio. But there just does not seem to be much interest in them. They are less popular than old Teletype machines. :-)

One major problem with them is that they are rock-bound. If you

have one favorite repeater or simplex frequency, the cost of one pair of crystals might not be much of a problem. But beyond that the cost adds up fast.

Another problem with some of the older units is that they might not have narrow enough filters for today's crowded two meter band. How that affects you depends on where you live, of course. You might want to get a radio for 6m. The band is less crowded and having one channel (e.g. 52.525 Mc simplex) might work out just fine.

One advantage and disadvantage of this gear is the price. The going price for a typical piece of Motorola tube gear is \$0.00. As a result there is little of it at hamfests, since there is no incentive to bring it.

It is a little hard to describe which ones to look for. Land mobile radios are generally built for three frequency ranges: Low band (30-50MHz), High band (136-174Mhz) and UHF (450-470MHz) (with some variation on the end points). Each range is divided into subranges. So a low band radio might be built to cover 42-50MHz. The idea is to get one with a subrange next to the hamband of interest, then move the coverage by changing capacitors and adding/removing turns from coils. If you are lucky you might get one with a subrange that covers the hamband.

You might get lucky and find a base station, but most of these radios are mobiles. That means building up a high voltage power supply to run one from home. You could put one in your car, but be sure it can't be turned on without the ignition on. Those tubes will drain your battery in a hurry if the alternator isn't doing its job.

If you aren't a die-hard hollow-stater, you might look for a Motrac radio. These are solid-state with tube finals. There was a nice Motrac base station at a hamfest last year that went for \$35. I remember seeing a Motrac control head attached to the operating position of one of the station pictures in ER.

Motorola makes good radios. I have several in my current project queue and hope to get something on 6m soon. But the ones I have are all solid-state radios except for a couple of the hybrid Motracs.

Don't let me discourage you too much, but it might not be the best project for a beginner. It might be the cheapest though.

>I am also interested in any military VHF/UHF gear that might

>be useful to hams.

I'll let someone else take this question.

73,

Gary

From boatanchors@theporch.com Wed Feb 8 03:41:06 1995

Date: Wed, 8 Feb 1995 00:54:22 -0600

Message-Id: <199502080658.AA176056724@relay1.geis.com>

From: n.mckie@genie.geis.com

Subject: Re: Motorola Etc VHF/UHF

Sub: Re: Motorola Etc VHF/UHF

The following is well written and covers the subject quite well. I know as I collect manuals for these boatanchors. I have 20 ea 4 drawer file cabinets in my basement with manuals from the late 40's through the late seventies and early eighties; Motorola, General Electric and RCA plus others.

> Well, I am not sure that the interest is likely to be widespread, but  
> you never know.

> I suppose the dedicated hollow-state ham would use tube type Motorola  
> gear along side the Hallicrafters or whatever HF radio. But there just  
> does not seem to be much interest in them. They are less popular than  
> old Teletype machines. :-)

> One major problem with them is that they are rock-bound. If you have  
> one favorite repeater or simplex frequency, the cost of one pair of  
> crystals might not be much of a problem. But beyond that the cost adds  
> up fast.

> Another problem with some of the older units is that they might not  
> have narrow enough filters for today's crowded two meter band. How that  
> affects you depends on where you live, of course. You might want to get  
> a radio for 6m. The band is less crowded and having one channel (e.g.  
> 52.525 Mc simplex) might work out just fine.

> One advantage and disadvantage of this gear is the price. The going  
> price for a typical piece of Motorola tube gear is \$0.00. As a result  
> there is little of it at hamfests, since there is no incentive to bring  
> it.

> It is a little hard to describe which ones to look for. Land mobile  
> radios are generally built for three frequency ranges: Low band (30-  
> 50MHz), High band (136-174Mhz) and UHF (450-470MHz) (with some  
> variation on the end points). Each range is divided into subranges.  
> So a low band radio might be built to cover 42-50MHz. The idea is to  
> get one with a subrange next to the hamband of interest, then move the  
> coverage by changing capacitors and adding/removing turns from coils.  
> If you are lucky you might get one with a subrange that covers the  
> hamband.

> You might get lucky and find a base station, but most of these radios  
> are mobiles. That means building up a high voltage power supply to run  
> one from home. You could put one in your car, but be sure it can't be  
> turned on without the ignition on. Those tubes will drain your battery  
> in a hurry if the alternator isn't doing its job.

> If you aren't a die-hard hollow-stater, you might look for a Motrac  
> radio. These are solid-state with tube finals. There was a nice Motrac  
> base station at a hamfest last year that went for \$35. I remember  
> seeing a Motrac control head attached to the operating position of one  
> of the station pictures in ER.

> Motorola makes good radios. I have several in my current project queue  
> and hope to get something on 6m soon. But the ones I have are all  
> solid-state radios except for a couple of the hybrid Motracs.

> Don't let me discourage you too much, but it might not be the best  
> project for a beginner. It might be the cheapest though.

> I'll let someone else take this question.

> 73,  
> Gary

Neil

--

Neil McKie, WA6KLA  
n.mckie@genie.geis.com

503-649-4264  
Box 5310, Aloha, OR 97006

From boatanchors@theporch.com Tue Feb 7 17:30:18 1995  
Date: Tue, 7 Feb 1995 13:13:22 -0600  
Message-Id: <199502071833.KAA03919@ix3.ix.netcom.com>

From: jlockwd@ix.netcom.com (Jim Lockwood)  
Subject: Re: Museum report, etc...

You wrote:

>  
>> I was at my folk's home around Detroit over the weekend and visited  
the  
>> Henry Ford Museum in Dearborn (on the grounds of Greenfield Village).  
  
>> The museum also has a couple big spark type transmitters, and about  
every  
>> broadcast reciever you'd ever think of from the early 1900s to the  
>> seventies. The only ham type BA was an SX-28-nice choice for the  
genre,  
>

Years ago, during a period of ham inactivity, I saw at the Henry Ford  
Museum what looked like a rather ordinary, although large motor  
generator. The whole thing may have been, oh, six feet long, and a foot  
and a half in diameter. It was in the section on radio communications.  
Odd, I thought, so I looked at the data plate. Turned out that this  
M-G combo was an electromechanical transmitter that generated a CW RF  
signal at some gawdawful number of hundreds of Kc/s. My memory is  
wanting to make me type that it's operating frequency may have been  
500Kc/s, but my logical mind is saying "no way". Whatever the operating  
frequency, it was darned impressive for a mechanical device.

73,

Jim - km6nk

From boatanchors@theporch.com Tue Feb 7 18:50:02 1995  
Date: Tue, 7 Feb 1995 15:38:47 -0600  
Message-Id: <9502072116.AA07169@ausable.crd.Ge.Com>  
From: mallick@ausable.crd.ge.com (John Mallick)  
Subject: Re: Museum report, etc...

Jim wrote...

Years ago, during a period of ham inactivity, I saw at the Henry Ford  
Museum what looked like a rather ordinary, although large motor  
generator. The whole thing may have been, oh, six feet long, and a foot  
and a half in diameter. It was in the section on radio communications.  
Odd, I thought, so I looked at the data plate. Turned out that this  
M-G combo was an electromechanical transmitter that generated a CW RF

signal at some gawdawful number of hundreds of Kc/s. My memory is wanting to make me type that it's operating frequency may have been 500Kc/s, but my logical mind is saying "no way". Whatever the operating frequency, it was darned impressive for a mechanical device.

73,

Jim - km6nk

It was probably an "Alexanderson Alternator" designed and built right up here in Schenectady. They did operate at such high frequencies through a combination of high mechanical speed and large number of poles. Some were even modulated to produce AM. Alas, technology is now lost somewhere in the archives of mother-GE; if I look around, I can still find some of the old-timers who remember. But, you're right, it is impressive technology.

73, John WA1HNL

From boatanchors@theporch.com Tue Feb 7 11:45:29 1995  
Date: Tue, 7 Feb 1995 08:15:30 -0600  
Message-Id: <199502071418.JAA08387@cappuccino.eng.umd.edu>  
From: Philip Gwyinne McCoy <dgnova@glue.umd.edu>  
Subject: National

To Patrick McDonald

Subject CNA-46188

>From Philip McCoy

The receiver is the US Navy type RBH-1. It was made by national and is a modifed NC-100. The IF frequency is 1560 kilocycles. The frequency range is 300 to 1,200 kilocycles and 1.7 to 16.0 megacycles. I have the manual and can mail you the wiring diagram and other information. My email address is dgnova@eng.umd.edu

From boatanchors@theporch.com Tue Feb 7 12:08:46 1995  
Date: Tue, 7 Feb 1995 08:32:52 -0600  
Message-Id: <01HMRHMSC0SY90MTGC@ACAD.FANDM.EDU>  
From: CCS\_MAH@admin.fandm.edu (Mark Hemlick Ph. D.)  
Subject: Re: O'Scope Probes

Hi Randy. You wrote:

>Need some advice on buying a set of scope probes.

Hosfelt electronics (800-524-6464) sells two sets of probes.

#PP-80: DC-60 mhz, "1:1 switchable 10:1" max input 600 V p-p, \$15.95

#PP-150: DC-100 mhz, 10:1, 9 m ohm/14 pF, max input 600 V p-p \$29.95

I don't know anything else about them. Sometimes Hosfelt has good quality, name brand surplus stuff, sometimes low-priced junk. They may know the manufacturer of the probes if you call. Good luck!

73 Mark KA3LFG

From boatanchors@theporch.com Tue Feb 7 12:37:35 1995  
Date: Tue, 7 Feb 1995 08:29:16 -0600  
Message-Id: <m0rbqyl-000uVmC@twisto.eng.hou.compaq.com>  
From: Dave=Sharp%Legal%Corp=Hou@bangate.compaq.com  
Subject: re: O'Scope Probes

Hi,

I don't know how others feel but I sometimes have to look at picosecond pulses and VERY sharp edges and I have found that ONLY Tektronix probes are worth their salt. I have used about a dozen varieties and always have had some problems until I started using TEK. I hope this doesn't sound like an ad but in the \$1-2 M of equipment in my lab, the things I NEVER loan out or even consider changing are my Tek probes.

Dave

From boatanchors@theporch.com Tue Feb 7 20:57:07 1995  
Date: Tue, 7 Feb 1995 18:04:35 -0600  
Message-Id: <9502080003.AA01313@red-eft.la.ca.us>  
From: "Hugh D. Stegman" <driver8@red-eft.la.ca.us>  
Subject: Re: old alternators

Jim writes:

>M-G combo was an electromechanical transmitter [...]

Oh yes. This is how a continuous wave was done before tubes. They had Alexanderson alternators. This thing was huge, with a rotating wheel a few feet in diameter. Went to at least 100 kHz, maybe higher. Yours sounds like a smaller version of same.

There are still a few Alexanderson alternators around. They're fired up from time to time. Talk about a boat anchor!

Hugh NV6H

35-1 is good in Vegas. I hit 26-1 on NV6/H/H/ugh. I'll keep my call.

From boatanchors@theporch.com Tue Feb 7 21:13:06 1995

Date: Tue, 7 Feb 1995 17:53:18 -0600

Message-Id: <n1419942739.65097@msmailgw1.arlut.utexas.edu>

From: "rohre" <rohre@msmailgw1.arlut.utexas.edu>

Subject: Parts for ham gear repairs, restoration

I see numerous posts of does anyone have a "Brand..." power plug, or whatever part for some piece of ham gear.

There was a time, (apparently slipping away), where every new ham learned to acquire some bibles of the hobby: an ARRL handbook, and maybe the Radio Handbook, by Bill Orr, editor, (SAMS) and SEVERAL wholesale distributor catalogs like Allied Radio, Chicago; Newark Electronics, Mouser Electronics, Digi-Key, and others. The parts sometimes have changed to a different named manufacturer, but MANY are out there, if you look at the catalog pictures, you often can find what you need. Some of the old hardware companies are still making the plugs and jacks, like Johnson, and H. H. Smith. Addresses can be found in the Thomas Catalog, which any large technical business has a copy, or may be in large public libraries. This is a catalog of all kinds of businesses, and manufacturers.

You can get free catalogs from all of these, and they are glad to help you out in crossing parts if you get to the informed person; but a ham can and should do a lot of sleuthing on his own, to get at least close.

There are other companies making the mechanical belts and pulleys and chain drives that may go in old gear, or can be adapted: Small Parts Inc., Berg, etc.

We are blessed, perhaps in this part of the world, (Tx. ) but this past weekend, I even saw several complete ARC 3 or ARC 5 World War II radios for sale at a small town swapfest, so even the next town's swapfest may be worth a trip for the items you need. Why, we even found a porcelain antenna changeover, knife switch.

Some time ago, I realized variable capacitors in the larger sizes for transmitting and tuners and tube receivers were becoming scarce, and so for this type of part, you should find spares for antiques, or future antique reproduction projects you may want to build. Estate sales of SK hams are gold mines of components, if they were licensed before say 1960 or '70. In the not so forgotten days, every ham had his junk box, that had a vast array of

trading material, or spares or new project potential parts. Has that time been lost to the newer generations? Lordy, lordy, I hope not.

Let us hope all these pleas are just like some of mine; despite my junk box, I may not have that ONE item needed for a particular repair. But! I am getting there, the other day I had occasion to use a 'sample" micro-switch I acquired 30 years ago, brand new; and just used it to repair the kitchen microwave door switch mechanism!

You never know when something might be needed! (AND, you might become the weekend HERO!)

From boatanchors@theporch.com Tue Feb 7 07:57:31 1995  
Date: Tue, 7 Feb 1995 02:50:17 -0600  
Message-Id: <9502070557.AA10913@texan.frco.com>  
From: bill@texan.frco.com (William Hawkins)  
Subject: Re: Phantom in my SX-71?

Last time I saw an SX-71, it was sitting outside a hanger. Dull black, pointy nose, two huge engines - didn't look like a Phantom at all.

Wait - this is airplanes as boatanchors, right? Um, come to think of it, that's the SR-71 (Blackbird).

Never mind.

Bill Hawkins

From boatanchors@theporch.com Tue Feb 7 17:56:35 1995  
Date: Tue, 7 Feb 1995 11:25:30 -0600  
Message-Id: <950207122247\_15240049@aol.com>  
From: WaltN@aol.com  
Subject: R45,R-274 info sought

Anyone familiar with the R-45/ARR-7 (aircraft version of SX-28)? Would be interested to learn more about it. Understand there is a picture of it in "The Hallicrafters Story" by Max DeHenseler but haven't been able to find this publication. Does anyone have this available, I sure would like to find a copy.

Also, would like to purchase manuals for above R45/ARR-7 as well as R-274/FRR also known as Hallicrafters SX-73 (or URR - mine might have the wrong tag as I thought that the FRR version was the SP-600).

Any information about either of these receivers would be most appreciated.

Thanks.

73 de Walt

From boatanchors@theporch.com Tue Feb 7 19:56:08 1995  
Date: Tue, 7 Feb 1995 16:46:30 -0600  
Message-Id: <199502072245.QAA14830@uro.theporch.com>  
From: Jack Taylor <n7oo@huachuca-emh8.army.mil>  
Subject: Re: R45,R-274 info sought

My reference is silent on the R45/ARR-7 but has this for the R-274/FRR:

R-274A/FRR Radio REceiver - Hammerlund SP-600JX or Hallicrafters SX-73 is a general purpose comm receiver for use in P/P and G/A stations. Freq range is from 0.540 - 54 MHz, obtainable in 6 bands. Self-contained power supply. Receives AM radio-telephone, CW telegraph and AM MCW telegraph signals. This receiver is also well adapted to diversity reception application. Air Force Tech Order T0: 31R2-2FRR-121 and -124.

R-274C/FRR Radio Receiver - Receives CW, AM, and FSK in MHF and HF ranges. Had diode output AVC terminal for diversity operation. Can be continuously tuned by VFO, or crystal controlled for fixed freq operation. An IF output terminal provided for use with freq-shift converter equipment. Freq range: 540 KHz to 54 MHz in 6 bands. Replaced by R-390A/URR.

If you can find a source from which to order the Air Force Tech Orders, you might be lucky enough to find them still in stock for this unit.

73 de Jack

From boatanchors@theporch.com Wed Feb 8 06:03:43 1995  
Date: Wed, 8 Feb 1995 02:09:40 -0600  
Message-Id: <Pine.3.89.9502080251.A26138-01000000@ozarks>  
From: "C. Frank Gilmore" <fgilmore@ozarks.sgcl.lib.mo.us>  
Subject: Re: R45,R-274 info sought

On Tue, 7 Feb 1995, Jack Taylor wrote:

> My reference is silent on the R45/ARR-7 but has this for the R-274/FRR:  
>  
> R-274A/FRR Radio REceiver - Hammerlund SP-600JX or Hallicrafters SX-73  
> is a general purpose comm receiver for use in P/P and G/A stations. Freq  
> range is from 0.540 - 54 MHz, obtainable in 6 bands. Self-contained  
> power supply. Receives AM radio-telephone, CW telegraph and AM MCW  
> telegraph signals. This receiver is also well adapted to diversity  
> reception application. Air Force Tech Order T0: 31R2-2FRR-121 and -124.

>  
> R-274C/FRR Radio Receiver - Receives CW, AM, and FSK in MHF and HF ranges.  
> Had diode output AVC terminal for diversity operation. Can be continuously  
> tuned by VFO, or crystal controlled for fixed freq operation. An IF  
> output terminal provided for use with freq-shift converter equipment.  
> Freq range: 540 KHz to 54 MHz in 6 bands. Replaced by R-390A/URR.  
>  
> If you can find a source from which to order the Air Force Tech Orders,  
> you might be lucky enough to find them still in stock for this unit.  
>  
> 73 de Jack  
>

Jack there is probably more confusion about the "274" and it's many variations than any mil receiver I have encountered.

Am sitting here holding TM11-897 (May, 1952) which covers the R-274/FRR (note there is no suffix letter after the '4') which is identical to the Hallicrafters SX-73 (have it's manual here also, no date on it....very dog-eared) part for part.

Legend has it that for whatever reason the Army (this is an Army TM) got mad at Hallicrafters over some stupid thing and bought a few SP-600s from Hammarlund and for whatever misbegotten reason added a suffix instead of changing the original nomenclature number. Why I'll never know since the two receivers are as different as night and day...the turret tuner being the only commonality.

Now to add more to the mystery I saw a "D" model which was once again made identical to the SX-73 and this one had a Department of Commerce plate on it!!!

I think they drew numbers out of a hat. I have M1 Garands and M1 Carbines that by serial number could not possibly have been made by International-Harvester....but they are stamped as such! Hi!

73, de K0JPJ ex-W5PVX ...--

From boatanchors@theporch.com Tue Feb 7 11:59:10 1995  
Date: Tue, 7 Feb 1995 08:27:15 -0600  
Message-Id: <199502071430.JAA22764@netcom.netcom.com>  
From: azoth@netcom.com (Az0th)  
Subject: Racal Stuff Needed

Greetings,

Terry Florek recently sent me this query, and I suspect somebody here

might know where he ought to be looking:

I have a Racal 6793 receiver and am looking for some accessories like the wide band IF output option, the ISB option, and some other things. Military surplus guys probably would recognize the stuff. Also looking for a vhf/uhf Racal receiver. I keep an eye on Fair Radio in Ohio but not much surfaces in the midwest. Around the east coast military bases is where this stuff appears.

As I recall, he's located in Indianapolis, and can be reached at:

[tflorek@inuxs.att.com](mailto:tflorek@inuxs.att.com)

Cheers,  
RF Buchanan

From [boatanchors@theporch.com](mailto:boatanchors@theporch.com) Tue Feb 7 08:20:38 1995  
Date: Tue, 7 Feb 1995 02:47:54 -0600  
Message-Id: <9502070621.AA10947@texan.frco.com>  
From: [bill@texan.frco.com](mailto:bill@texan.frco.com) (William Hawkins)  
Subject: Radio communication is not like Internet

In radio communication, a transmitter sends its signal to an antenna to be radiated into essentially free space. Someone receiving the signal pokes up some kind of antenna and extracts a really tiny fraction of the transmitter's power to get a readable signal. The number of receivers has no effect on the transmitter, if they are not in the antenna's near field.

In network communication, a transmitter must send one copy of each message to each receiver. If no copy is sent, the receiver gets nothing. Transmission does not take place through an antenna, but through some kind of modem. The modem has a fixed number of bits per second (or hour or day) that it can send. When the modem is sending 24 hours a day, it is saturated. When it saturates, there's nothing to do but kill the sending process, wipe the queue of pending messages, and start over.

Sorry to be elementary for those who know this, but I thought I knew it and hadn't appreciated the magnitude of the numbers.

For a list of 350 people, one posting to the list generates 350 copies of that message, one at a time, out through the modem. The headers on the messages contain 658 bytes (average of 3). So, one posting generates about 230,300 bytes just in the headers. I've got 44 postings from the purism thread in a 103 KB file, for about 2300 bytes per post. Add back the headers for about 3KB per post, times 350 gives about 1 MB per post transmitted. Using

Phil's 28.8kb modem, that would take 6 minutes to send, theoretically. But when the phone system is less than perfect (and Jack confirms that that is the case) all that the modem can do is 2400 baud. That's what happens to me in Austin, TX, while Boston to Mpls is fine at 9600. At 2400, 1 MB takes about 70 minutes. We're not far from saturation at those rates. And, there's all the other traffic on that modem, plus connection and reconnection time.

With ISDN, you get a 64 KB connection with minimum connect time. At 64 KB, the 1 MB distribution takes about 2.6 minutes. That leaves lotsa room for new members.

After all that figuring, I have gone from reluctantly to happily sending Phil a donation on the order of a 1st class Electric Radio subscription. Hope you will too, so BA can get on with it.

Bill Hawkins

From boatanchors@theporch.com Wed Feb 8 03:49:56 1995  
Date: Wed, 8 Feb 1995 01:06:05 -0600  
Message-Id: <9502080710.AA07321@kahuna.math.hawaii.edu>  
From: jeffrey@math.hawaii.edu (Jeffrey Herman)  
Subject: rec.radio.swap

>From: negaard@draagen.graceland.edu KB0PXX  
Having upgraded to Tech Plus last Thursday, I bought a Heathkit HW 16 CW transceiver with a Heath HG 10B VFO. Both work, if fitfully, but I don't really know all the ins and outs of operating this station. I really, really want to work a bit, so if anyone could point me in the direction of manuals or other documentation I'd be a bit happier.

>From: agreen@chaos.eng.wayne.edu  
These are all used, tested, and packed in appropriate boxes. Many others available, e-mail inquiries, please. Free shipping on orders over \$50.00 (within 48 States).

6BQ5/EL84 usa	4.00	6CW5/EL86 holland	3.00
6CG7/6FQ7 usa	3.00	6JE6/6LQ6 various	16.00
6DJ8/ECC88 Amperex Bugle Boys-Make Offer			
6MJ6 usa	19.00	6SN7 usa	2.50
12AX7/ECC83 Telefunken Mfg(May have different label) Smooth plate			
<> bottom-14.00			
12BH7	4.00	12BY7/12BV7 various	3.00
7199	10.00	KT88 Britian	60.00/obo
45	22.00		

>From: johng@garnet.msen.com

Old Radio Manuals FS. All prices include postage in US.

Cooke, Nelson M, Leut. Commander, U.S. Navy. Allied's Radio Data Handbook:

A Compilation of Formulas and Data Most Commonly Used in the Field of Radio and Electronics. Written and Compiled by the Publications Division, Allied Radio Corporation, under the direction of Eugene Carrington.

Chicago: Allied Radio, 1943; 12th printing May 1947. Paper, 48 pages. \$8

Frye, John T. Basic Radio Course. Blue Ridge Summit, PA: Tab Books, 1961; 5th printing, January, 1969. Hard cover, 224 pages, index, illustrated, excellent condition. \$12

MYE Technical Manual: Constructive, Helpful Information for Radio Service Engineers. Indianapolis, IND: P.R. Mallory & Co., 1942. Paper, 407 pages, index, 8.5" x 11", good condition. \$22

O'Neil, Thomas J.W. First Principles of Radio. New York: Oxford Book Company, 1944; Oxford Technical Handbooks. Paper cover, 250 pages, index, illustrations. Good condition. \$8

Sands, Leo G. Class D. Citizens Radio: The first book about this important, rapidly developing field of commercial Citizens Radio. New York: Ziff-Davis, 1960. Hard cover with dust jacket, 181 pages, 72 illustrations. Very good condition. \$14

Saunders, Albert G.W. 99 Ways to Use Your Oscilloscope. Blue Ridge Summit, PA: Tab Books, 1968. Hard cover, 191 pages, illustrated, excellent condition. \$12

>From: pgerba@crl.com (Peter Gerba)

I have several Collins 180S ant tuners. Prices range from \$125-75 + shipping. These units contain a Jennings vacuum cap and a roller inductor.

>From: YPAK35A@prodigy.com (Larry Jones) WB5KYK

Collins tubes for sale:

(1) 6bn8, (1) 6ew6. (1) 6gk6, (2) 6ha5, (2) 12ax7, (2) 12ba7, (1) oa2 all in factory boxes. \$15 for the whole lot. Will not sell individually.

>From: jdashner@crl.com (John Dashner)

Still looking for two pair of 572B transmitting tubes.

From boatanchors@theporch.com Tue Feb 7 18:52:40 1995

Date: Tue, 7 Feb 1995 09:12:27 -0600

Message-Id: <Pine.3.89.9502071010.E288-01000000@hamp>

From: Albert S Woodhull <aswNS@hamp.hampshire.edu>

Subject: Re: Receiver Verification

On Mon, 6 Feb 1995, Jerry Proc VE3FAB wrote:

> Has anyone ever heard of a Hallicrafters Super Skyrider? If so, what  
> are its modes and bands of operation?

I have one in storage. I used it for a while for general listening. It's a really impressive piece of equipment and I'd like to get it out again some day when I have a little more space.

It is a general coverage receiver with calibrated bandspread for all the ham bands. The high frequency end of the coverage includes the 6 meter band. I don't think it goes any lower than the a.m. broadcast band. It is of course designed for c.w. and a.m., but it may also have a narrow band f.m. reception mode.

That said, I am not altogether sure that "Super Skyrider" refers to a single model, I believe I have seen pictures of Super Skyriders that were somewhat different in physical appearance from mine. I should look and see if I can find an S- or SX- number on it someplace, I don't think there is one visible on the front panel. The one I have has wonderful steering-wheel type tuning knobs, and engraved chrome tuning dials

73, Al N1AW

Albert S. Woodhull, Hampshire College, Amherst, MA  
awoodhull@hamp.hampshire.edu  
woodhull@shaysnet.com  
413-549-2962

From boatanchors@theporch.com Tue Feb 7 12:41:08 1995  
Date: Tue, 7 Feb 1995 09:02:44 -0600  
Message-Id: <59B393371AB@s1.xetron.com>  
From: "Jack Giehl" <JACKG@s1.xetron.com>  
Subject: Rocket Radio Reminisce

RF Buchanan writes:

> The radio bug bit me when I was four-ish, in the shape of one of  
> those wonderful rocket radio crystal sets my mama bought for  
> me at Woolworths,

Ah yes, the rocket radio.... That brings back memories of the days back when I was wide eyed boy of 7. There was a 5 and dime store that sold those things for about \$2. I must have bought 3 or 4 of them. Just HOW could that thing pull radio out of the air WITHOUT batteries, I wondered? I still have several crystal earphones for the rockets, but alas, no rocket.

Thanks for that pleasant memory.

Jack

73,

=====

Jack, WB8BFS

jackg@xetron.com      Loveland, Ohio (near Cincinnati)

"Peak the grid, dip the plate, and keep the fire in the wire."

=====

From boatanchors@theporch.com   Tue Feb   7 19:44:33 1995

Date: Tue, 7 Feb 1995 10:30:50 -0600

Message-Id: <Pine.SUN.3.91.950207112450.510A-1000000@access3.digex.net>

From: Tony Stalls <rstalls@access.digex.net>

Subject: Re: Rocket Radio Reminisce

On Tue, 7 Feb 1995, Jack Giehl wrote:

> RF Buchanan writes:

>

> > The radio bug bit me when I was four-ish, in the shape of one of

> > those wonderful rocket radio crystal sets my mama bought for

> > me at Woolworths,

>

> Ah yes, the rocket radio.... That brings back memories of the days

> back when I was wide eyed boy of 7.

I love to hear you young kids talk about the good old days and your  
transistor radios! ;^)

Well, I'm not THAT old, but when I was a little kid back in Memphis, I  
noticed two binding posts on a wall plate in the living room. I asked my  
dad what they were and he told me that it was for the building's radio  
antenna. Radio antenna? Well, what resulted was my introduction to a  
home-made crystal set, cat's whisker and all. I soon graduated to the  
Zenith table radio and listening to what my grandmother called "police  
news" (local police just above the broadcast band if I remember correctly  
- it was definitely not VHF anyway) and hams. I guess the seed was  
planted as about ten years later (1956), I had my Novice license. You  
know the rest. (Sigh...)

73,

Tony  
K4KY0

From boatanchors@theporch.com Tue Feb 7 11:48:37 1995  
Date: Tue, 7 Feb 1995 08:00:42 -0600  
Message-Id: <199502071403.JAA08312@cappuccino.eng.umd.edu>  
From: Philip Gwynne McCoy <dgnova@glue.umd.edu>  
Subject: skyrider

In reply to Jerry Porc's question about skyriders:  
The term skyrider was hallicrafter's logo or name for their  
top of line receivers. Examples being the SX17, SX28 etc.  
Two receivers of hallicrafter make were used by the British to  
monitor Luftwaffe communication. The S5-10 which was the S-21 and  
the SX-27 and SX-36 receivers. If you want more info on these receivers  
email me at dgnova@eng.umd.edu

Philip McCoy  
W3SAK

From boatanchors@theporch.com Tue Feb 7 17:28:13 1995  
Date: Tue, 7 Feb 1995 13:52:57 -0600  
Message-Id: <199502071818.NAA26600@espresso.eng.umd.edu>  
From: Philip Gwynne McCoy <dgnova@glue.umd.edu>  
Subject: storing radios

Bob Burton wrote:

Is it acceptable to store boatanchors in cold, dry places?  
Should I avoid storing radios in this environment? If I do store  
them there, should I leave them exposed to the air?

There are two things that really degrade a radio, they are:

(1) heat. In the case of wax coated coils. the heat softens the  
the wax, causing the coils physical shape to change, with a resulting  
change of inductance.

(2) moisture. moisture gets into insulators, causing a drop in coil  
and condenser Q, especially for frequencies approaching 30 mhz.

For storage, cold and dry is OK, but anykind of moisture is deadly.

From boatanchors@theporch.com Wed Feb 8 06:24:07 1995  
Date: Wed, 8 Feb 1995 03:39:41 -0600  
Message-Id: <199502080944.EAA19507@pipe1.pipeline.com>  
From: "Richard M. Weil" <richrw@pipeline.com>  
Subject: Subscribe

subscribe

richrw@pipeline.com

From boatanchors@theporch.com Tue Feb 7 18:06:19 1995  
Date: Tue, 7 Feb 1995 10:42:53 -0600  
Message-Id: <01HMRK8BV9TECRJV40@tntech.edu>  
From: cfm5723@tntech.edu (Conard Murray)  
Subject: Swan power plug needed

Hello All!

I have a friend who needs a power plug for a Swan HF radio. This is a rectangular Jones plug that fits the 250/350/500/700 etc. series. We tried at the local parts stores and didn't have any luck.

Thanks and keep the firebottles glowing!

Conard WS4S

Conard Murray WS4S  
R&D Engineer, Electrical Engineering Department  
Tennessee Tech University  
Cookeville, TN 38505  
615-372-3718 voice  
615-372-6172 fax  
cfm5723@tntech.edu e-mail  
ws4s @ wa4uce.midtn.tn.usa na packet radio

From boatanchors@theporch.com Wed Feb 8 01:19:19 1995  
Date: Tue, 7 Feb 1995 22:27:52 -0600  
Message-Id: <950208043130\_70242.2472\_CHV62-3@CompuServe.COM>  
From: Steve Share <70242.2472@compuserve.com>  
Subject: The British Boats

Hello Boatanchorians!

I seem to be developing an interest in BAs from England. Surely among this wide-ranging and diverse group there must be someone who is familiar with the various Racal and Eddystone and ??? models that may be available here in the US, or across the pond. In Moore's 3d, there is just a bit about Racal, but hardly enough to get started. I'd appreciate hearing from owners about their impressions and experiences, as well as what the price and availability situation looks like.

Thanks to all,

Steve  
70242.2472@compuserve.com

From boatanchors@theporch.com Wed Feb 8 05:55:23 1995  
Date: Wed, 8 Feb 1995 02:11:59 -0600  
Message-Id: <Pine.3.89.9502080918.A29014-0100000@inet.uni-c.dk>  
From: MEC <danmec@inet.uni-c.dk>  
Subject: Re: The British Boats

You are welcome to talk to me. 73 Rag OZ8R0/LA5HE ex G5BHQ

On Tue, 7 Feb 1995, Steve Share wrote:

> Hello Boatanchorians!  
>  
> I seem to be developing an interest in BAs from England. Surely among  
> this wide-ranging and diverse group there must be someone who is  
> familiar with the various Racal and Eddystone and ??? models that may be  
> available here in the US, or across the pond. In Moore's 3d, there is  
> just a bit about Racal, but hardly enough to get started. I'd  
> appreciate hearing from owners about their impressions and experiences,  
> as well as what the price and availability situation looks like.  
>  
> Thanks to all,  
>  
> Steve  
> 70242.2472@compuserve.com  
>

From boatanchors@theporch.com Tue Feb 7 17:07:14 1995  
Date: Tue, 7 Feb 1995 11:45:51 -0600  
Message-Id: <0098B967E55A7360.21411A62@mwk.com>  
From: "Lee K. Gleason" <gleason@mwk.com>  
Subject: tuning eye tubes

I'd be grateful if someone would post (or e-mail) me a paragraph or so on circuit design using tuning eye tubes. I want to wire up a few simple circuits to use 'em, but don't have any design info handy. Just enough theory to get me going would be great...I've always loved the way they look, and would like to put some to use here for the odd project that needs a visual output, but doesn't need an actual meter movement.

Lee K. Gleason N5ZMR  
Control-G Consultants  
gleason@mwk.com

From boatanchors@theporch.com Tue Feb 7 19:54:55 1995  
Date: Tue, 7 Feb 1995 13:00:40 -0600  
Message-Id: <199502071836.NAA00282@Shiva.COM>  
From: John Shriver <jas@shiva.com>  
Subject: tuning eye tubes

The circuit for the tuning eye tubes is given in the RCA tube manuals. Even in the last one (RC-30), it's there in "Tuning Indication With Electron-Ray Tubes" in the "Electron Tube Applications" chapter. There used to be kits to add an eye tube to (home) radios that didn't have them.

Basically, they are voltmeters for measuring small negative voltages. That just happens to be what's on the AGC line in your typical tube receiver. They have a really high input impedance, so they won't disturb most circuits.

The 6E5 and 6U5 differ in the range of voltages they respond to, and the linearity of the voltage/deflection curve.

They are getting SCARCE, real FAST. Bid prices of \$5.50 and \$7 for NOS units respectively. I think old radios, designed for 110V lines, running on modern 120V power, run them real hot, and toast the phosphor. Perhaps Uncle Sam (DoD) has more in his warehouses. They are not made in China or Russia. Not used in guitar amps or commercial radio transmitters, so no market.

From boatanchors@theporch.com Tue Feb 7 20:04:07 1995  
Date: Tue, 7 Feb 1995 16:33:38 -0600  
Message-Id: <9502072233.AA12791@cen.com>  
From: gc@fox.gsfc.nasa.gov (Gary Chatters)  
Subject: Re: tuning eye tubes

>  
> I'd be grateful if someone would post (or e-mail) me a paragraph  
> or so on circuit design using tuning eye tubes. I want to wire up

The RCA receiving tube manual has some useful information on using the tuning eye tubes. Somewhere in the front part of the book.

gc

From boatanchors@theporch.com Tue Feb 7 22:24:02 1995  
Date: Tue, 7 Feb 1995 19:26:56 -0600  
Message-Id: <Pine.3.89.9502072004.A1970-0100000@hamp>  
From: Albert S Woodhull <aswNS@hamp.hampshire.edu>  
Subject: Re: tuning eye tubes

On Tue, 7 Feb 1995, John Shriver wrote:

> The circuit for the tuning eye tubes is given in the RCA tube manuals.

I loved those things. When I first got on 6 meters the Gonset Communicator with its winking eye tube was the object of my envy.

There was a 12 volt filament version (1626? 1629?) that was a glut on the market in the 50's, since they were part of the ARC-5 Command Set transmitters that everyone had two or three of. The command sets cost around \$3 to \$5 and you could get the eye tubes for \$.25 or so. The eye tube was rarely used in the conversion of the command set to ham use. I think its original was to help calibrate the vfo, using a non-oscillating crystal as a filter to feed a sample of the transmitter frequency to the eye tube circuit. There was a little mirror on the inside of a flip-up lid on the back of the unit so you could see the eye wink at you.

In my early ham days real parts that you couldn't get by disassembling an old bc radio or a tv or surplus gear were too expensive for my budget. Meters were especially expensive, so I often built eye tubes into my homebrew projects. I once built a grid dip "meter" using the triode section of one of those ARC-5 eye tubes for the oscillator, and the eye instead of a meter.

Albert S. Woodhull, Hampshire College, Amherst, MA  
awoodhull@hamp.hampshire.edu  
woodhull@shaysnet.com  
413-549-2962

From boatanchors@theporch.com Tue Feb 7 10:45:42 1995  
Date: Tue, 7 Feb 1995 06:59:20 -0600  
Message-Id: <9502071303.AA05683@pulsar.genrad.com>  
From: dcl@genrad.com (Deke C. Lightfoot)  
Subject: RE: Value of Hammarlund 129-A?

Hello Richard,

In the New England area a HQ-129X seems to hover around \$75, with pristine units up as high as 125. There were evidently many manufactured in the post war years, as they are plentiful around here. I have recently restored my 129, which I have hauled around the country for the last 35 years, and even after a recapping, it came up with only a touch-up in alignment....the first for all I know since it was made. If you are buying, be aware of any number of butcher AGC and product detector mods that (less than gracefully) intruded into the BFO can. They are hard to undo as the more commonly used mods

required patience and a deft hand....which we all know is not a common trait for the average ham. I have my 129 sitting alongside a 170A and a 390A .it has a much more pleasant audio than either, so it gets plenty of use.

Good luck and 73, Deke, AA6DF

From boatanchors@theporch.com Tue Feb 7 12:41:31 1995  
Date: Tue, 7 Feb 1995 09:07:24 -0600  
Message-Id: <9502071510.AA22460@CS1.sequoia.com>  
From: "davidk@sequoia.com" <davidk@CS1.sequoia.com>  
Subject: Wanted - Ranger bleeder 50 watt 20k

I've call a few place without any luck to find a Ranger bleeder resistor. 50 watts 20k. Its 4" long, wire wound and tapped. If you have one/two I would be glad to but them. If anyone has a sourse for these please let me know. Thanks.

--

David Kirkpatrick N1RBM, Sequoia Systems, Marlboro, Ma  
davidk@sequoia.com

From boatanchors@theporch.com Tue Feb 7 18:39:51 1995  
Date: Tue, 7 Feb 1995 13:04:42 -0600  
Message-Id: <199502071841.KAA04335@ix3.ix.netcom.com>  
From: jlockwd@ix.netcom.com (Jim Lockwood)  
Subject: Re: Wanted - Ranger bleeder 50 watt 20k

You wrote:

>  
> I've call a few place without any luck to find a Ranger bleeder  
>resistor. 50 watts 20k. Its 4" long, wire wound and tapped. If you  
have  
>one/two I would be glad to but them. If anyone has a sourse for these  
please  
>let me know. Thanks.  
>--  
>David Kirkpatrick N1RBM, Sequoia Systems, Marlboro, Ma  
>davidk@sequoia.com  
>  
>

Newark Electronics catalog 113, page 247 shows:

Ohmite type D50K20K, 20Kohms, 50 Watts, adjustable slider, 4" long. In onesies, they are \$9.52, but Newark has a \$25 minimum, I believe.

Offered FWIW,

Jim - km6nk

From boatanchors@theporch.com Wed Feb 8 05:52:59 1995  
Date: Wed, 8 Feb 1995 01:59:11 -0600  
Message-Id: <Pine.3.89.9502080946.A29014-01000000@inet.uni-c.dk>  
From: MEC <danmec@inet.uni-c.dk>  
Subject: Re: Wanted - Ranger bleeder 50 watt 20k

There is a manufacturer here in Copenhagen who makes these things.  
If you have a problem let me know and i can get price/availability for you.  
73 Rag OZ8R0

On Tue, 7 Feb 1995, davidk@sequoia.com wrote:

> I've call a few place without any luck to find a Ranger bleeder  
> resistor. 50 watts 20k. Its 4" long, wire wound and tapped. If you have  
> one/two I would be glad to but them. If anyone has a source for these please  
> let me know. Thanks.  
> --  
> David Kirkpatrick N1RBM, Sequoia Systems, Marlboro, Ma  
> davidk@sequoia.com  
>  
>  
>

From boatanchors@theporch.com Tue Feb 7 21:51:58 1995  
Date: Tue, 7 Feb 1995 18:28:01 -0600  
Message-Id: <199502080028.TAA25160@netcom10.netcom.com>  
From: azoth@netcom.com (Az0th)  
Subject: When I was a boy....

Hi ho,

>> Ah yes, the rocket radio.... That brings back memories of the days  
>> back when I was wide eyed boy of 7.

>I love to hear you young kids talk about the good old days and your  
>transistor radios! ;^)

>Well, I'm not THAT old, but when I was a little kid back in Memphis, I  
>noticed two binding posts on a wall plate in the living room. I asked my  
>dad what they were and he told me that it was for the building's radio  
>antenna. Radio antenna? Well, what resulted was my introduction to a

Geez, Tony, you had a real antenna? Why, when I was a boy, we had to use the dial on our telephone for an antenna.... ;-)

de RF B

From boatanchors@theporch.com Wed Feb 8 00:48:05 1995  
Date: Tue, 7 Feb 1995 22:07:30 -0600  
Message-Id: <9502080409.AA06836@kahuna.math.hawaii.edu>  
From: jeffrey@math.hawaii.edu (Jeffrey Herman)  
Subject: Re: When I was a boy....

Ohmygosh - you mean you used the finger-stop on the telephone as an antenna post, thereby effectively using the telephone lines as an antenna?

\*I\* used to do that too!!! I had completely forgotten about that. I've got the biggest smile right now...

Jeff NH6IL (ex WA6QIJ)

From boatanchors@theporch.com Wed Feb 8 01:07:42 1995  
Date: Tue, 7 Feb 1995 22:20:30 -0600  
Message-Id: <Pine.SGI.3.90.950207232241.11833B-100000@umbc7.umbc.edu>  
From: Bill Robie <robie@umbc.edu>  
Subject: Re: When I was a boy....

On Tue, 7 Feb 1995, Az0th wrote:

>  
> Geez, Tony, you had a real antenna? Why, when I was a boy, we had to use  
> the dial on our telephone for an antenna.... ;-)

You had a \*dial\* on your telephone?! We just cranked two longs and a short.

BR

From boatanchors@theporch.com Tue Feb 7 19:01:35 1995  
Date: Tue, 7 Feb 1995 10:15:12 -0600  
Message-Id: <9502071619.AA21627@garner.med.unc.edu>  
From: cheech@med.unc.edu (Greg Young)  
Subject: Re: Who are we ?

On 6 Feb 1995 you wrote:

>  
> In your message of 6 Feb 1995 at 1204 EST, you write:  
> >

> > The initial desktop grew to six desks with shelves, seven shelving units,  
> > and a 15'x 4'x 4' pile of old ex-kit (and a few unbuilt kits) tube-type ham  
> > goodies in the middle of the basement floor.  
> >  
> > Nick KD4CPL  
> >  
> I make that to be 240 cu ft of boatanchors.. One of these days, I have  
> got to stop by and see that pile!!  
>  
> Larry Keith, KQ4BY (lakeith@robins.af.mil)  
>

You've underestimated somewhat, that's only the pile. Seven shelving units at 6' x 4' x 1.5' is another 252 cu. ft. And the desks with shelves probably add another 100 cu. ft. I make the total to be around 600 cu. ft. of boatanchors.

Nick has been busy going to hamfests. I visited him a couple of years ago and got a tour of the collection. I remember four desks with shelves, three shelving units stuffed with Heath rigs, and the pile was a single row of radios about 15 - 20 feet long. The radios out on display and in use were beautiful. The ones in the pile were awaiting cleanup.

Nick very graciously ignored the little puddles of drool that I left all over the floor during the tour.

I may have to finagle another tour to see the expanded collection.

Greg Young AC4YT  
cheech@med.unc.edu

From boatanchors@theporch.com Tue Feb 7 18:48:59 1995  
Date: Tue, 7 Feb 1995 12:52:55 -0600  
Message-Id: <9502071827.AA23308@red-eft.la.ca.us>  
From: "Hugh D. Stegman" <driver8@red-eft.la.ca.us>  
Subject: Re: WW II hallicrafters with VHF

Rag writes:

>Perhaps the Hallicrafter you mention is the one covering VHF?

Hallicrafters made at least one HF/VHF intercept receiver that later became the SX-62A. It had a turret dial and was rack mountable, and covered something like 500 kHz to 108 MHz. After the war it was adapted to its civilian configuration with the trademark Hallicrafters sliderule dial with MOSCOW LONDON PARIS all over it whether or not they had broadcast there in years. This was a heroic chunk of glass, something like 8 by 15 inches (this is

from memory, as my radio is far far from the CRT), coated black on the inside and etched with the scales.

It's a strange rx, with a crystal filter for CW but no bandspread. I used to use the thing in QSOs just for the hell of it. You didn't want to bump the dial when a station was tuned in sharp crystal mode or you'd never find it again.

Hugh NV6H

dahdit didididah dahdidididit didididit. I'll keep my call.